(54) Title: MULTISECTIONAL BUS IN RADIO BASE STATION AND METHOD OF USING SUCH A RADIO BASE STATION
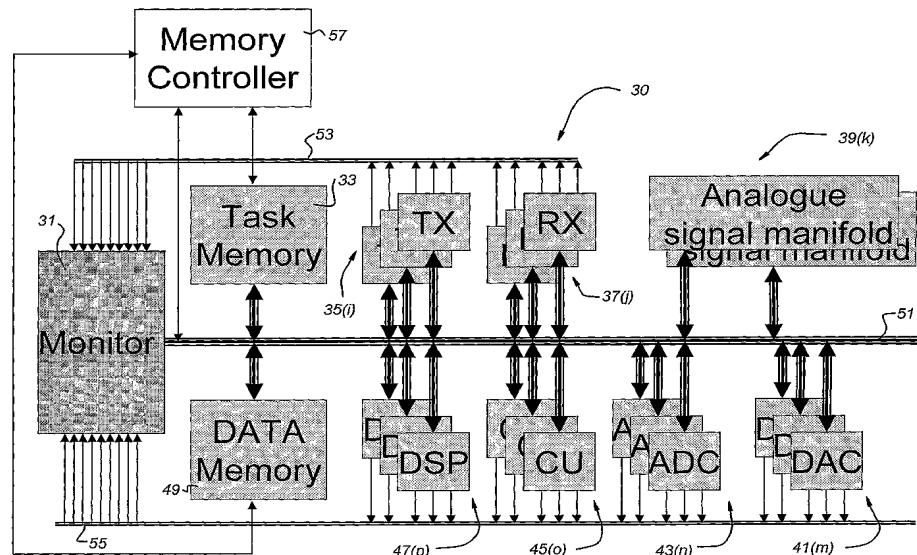
(57) Abstract: A communication system has a monitor (31), memory (33,49) and one or more resources (35(i), 37(j), 39(k), 41(m), 43(n), 45(o), 47(p)). The memory (33,49) is connected to the monitor (31) and stores tasks and data. Each of the resources (35(i), 37(j), 39(k), 41(m), 43(n), 45(o), 47(p)) is connected to the monitor (31) and performs a function or executes a program. The bus (51) is implemented by a plurality of adjacent sections, each section being implemented as an ASIC connected to a resource.